

AF/IFW

CHARLES WALTER, Ph.D., J.D.  
Attorney at Law

Patents, Trademarks, Copyrights  
and other causes

O I P E  
IAPR  
9131 Timberside Drive  
Houston, Texas 77025  
Email: [drcfwalter@yahoo.com](mailto:drcfwalter@yahoo.com)

Telephone: (713) 667-5107

JUN 18 2007  
PATENTS & TRADEMARKS U.S.A.  
RE: SN 10/660,427, Art Unit 3672, William Neuder, Examiner, THERMODYNAMIC  
PULSE LIFT OIL & GAS RECOVERY SYSTEM, C. Irwin, Inventor Attorney Docket  
No: ABI003PU

June 15, 2007

**MAIL STOP AF TC 3600 Art Number 3672**  
Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

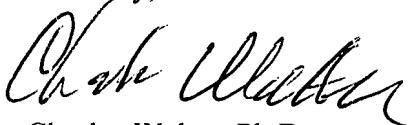
Sir:

I enclose herewith for filing:

Applicant's Amendment Under 37 CFR 1.116 in Response to the Office Action  
Mailed January 24, 2007 and USPTO Credit Card Payment Form authorizing payment of  
\$600.00 for small entity fees as follows: 3 additional independent claims in excess of 3 @  
\$100 per claim, 3 additional claims in excess of 20 @ \$25.00 each, and extension fee for  
response within second month @ \$225.00.

Thank you for your assistance.

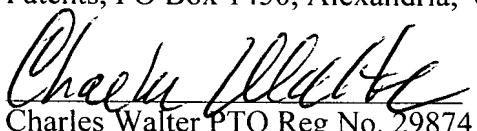
Sincerely,



Charles Walter, Ph.D.  
PTO Reg. No. 29874

#### CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States  
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Charles Walter PTO Reg No. 29874

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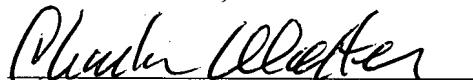
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225.00 OP



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I hereby certify that this document was deposited with the United States Postal Service as first class or priority mail in an envelope addressed to: Mail Stop AF TC 3600, Art Number 3672, Hon. Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 15, 2007.

  
Dr. Charles Walter, PTO # 29864

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICATION NO:** 10/660,427

**APPLICANT:** Charles Chester Irwin, Jr.

**FILED:** 9/12/03

**FOR:** THERMODYNAMIC PULSE LIFT OIL & GAS RECOVERY SYSTEM

**ART UNIT:** 3672

**EXAMINER:** William P. Neuder

**MAIL STOP AF TC 3600 ART# 3672**  
Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**JUNE 15, 2007**

**RESPONSE TO OFFICE ACTION DATED JANUARY 24, 2007 AND  
AMENDMENT UNDER 37 CFR 1.116**

Sir:

In response to the Office Action dated January 24, 2007, Applicant requests that, to place the above-identified application in condition for allowance, it be amended as follows:

**Amendments to the Specification** are reflected in the paragraphs on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin at page 8 of this paper.

06/18/2007 EAREGAY1 00000034 10660427

01 FC:2202 75.00 OP

02 FC:2201 300.00 OP